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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration  
Submitted  
With Initial  
Filing

OR

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

1454-CA-P1 (P279P1)

First Named Inventor

Brian David Trotter

COMPLETE IF KNOWN

Application Number

Filing Date

Art Unit

Not yet assigned

Examiner Name

Not yet assigned

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS FOR OUTPUT EDGE BALANCING IN PULSE WIDTH MODULATION  
SYSTEMS AND DATA CONVERTERS USING THE SAME**

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to: <input type="checkbox"/> Customer Number: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span>		<b>OR</b> <input checked="" type="checkbox"/> Correspondence address below	
Name Winstead Sechrest & Minick P.C.			
Address P.O. Box 50784 400 North Ervay Street			
City Dallas	State Texas	ZIP 75201	
Country US	Telephone 214.745.5374	Fax 214.745.5390	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
<b>NAME OF SOLE OR FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) BRIAN DAVID		Family Name or Surname TROTTER	
Inventor's Signature <i>Brian David Trotter</i>		Date 11/12/04	
Residence: City Austin	State Texas	Country US	Citizenship US
Mailing Address <del>5700 Apache Creek Cove</del> 5408 Apache Creek Cove			
City Austin	State Texas	ZIP 78735	Country US
<b>NAME OF SECOND INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) BRUCE		Family Name or Surname DUEWER	
Inventor's Signature <i>Bruce Duewer</i>		Date 11/6/2004	
Residence: City Austin	State Texas	Country US	Citizenship US
Mailing Address 2511 Broken Oak Drive			
City Austin	State Texas	ZIP 78745	Country
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the 1 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

**DECLARATION****ADDITIONAL INVENTOR(S)**

Supplemental Sheet

Page 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
JOHN LAURENCE		MELANSON	
Inventor's Signature 		Date <u>15 Jan 2003</u>	
Residence: City	Austin	State	TX
Country	US	Citizenship	US
Mailing Address 901 West 9th, Apt. 201			
Mailing Address			
City	Austin	State	TX
Zip	78703	Country	US
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
Country		Citizenship	
Mailing Address			
Mailing Address			
City		State	
Zip		Country	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
Country		Citizenship	
Mailing Address			
Mailing Address			
City		State	
Zip		Country	

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# **POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM**

<b>Application Number</b>	Not yet assigned
<b>Filing Date</b>	January , 2004
<b>First Named Inventor</b>	Brian David Trotter
<b>Title</b>	Methods for Output Edge-Balancing...
<b>Art Unit</b>	2819
<b>Examiner Name</b>	Not yet assigned
<b>Attorney Docket Number</b>	1454-CA-P1 (P279P1)

I hereby appoint:

☐ Practitioners at Customer Number:

OR

☒ Practitioner(s) named below:

Name	Registration Number
James J. Murphy	34,503
Steven Lin	35,250
Scott Thomas	39,855
Barry S. Newberger	41,527

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR


<input checked="" type="checkbox"/>	Firm or Individual Name	Winstead Sechrest & Minick P.C.				
Address		P.O. Box 50784				
Address		400 North Ervay Street				
City		Dallas	State	Texas	Zip	75201
Country		United States of America				
Telephone		214.745.5374	Fax	214.745.5390		

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

## **SIGNATURE of Applicant or Assignee of Record**

Name	Brian David Trotter		
Signature			
Date	1/12/04	Telephone	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ \*Total of 3 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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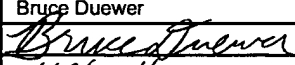
<input checked="" type="checkbox"/> Firm or Individual Name	Winstead Sechrest & Minick P.C.				
Address	P.O. Box 50784				
Address	400 North Ervay Street				
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## **SIGNATURE of Applicant or Assignee of Record**

Name	Bruce Duewer				
Signature					
Date	1/6/2004	Telephone			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below".

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Practitioners at Customer Number:

OR

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Practitioner(s) named below:

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☒Firm or  
Individual Name

Winstead Sechrest &amp; Minick P.C.

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400 North Ervay Street

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Texas

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☐

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Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

## **SIGNATURE of Applicant or Assignee of Record**

Name

John Laurence Melanson

Signature



Date

15 Jan 2004

Telephone



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